

ECS Configuration Change Request

Page 1 of 2 Page(s)

1. Originator Siri Jodha Singh Khalsa	2. Log Date: 4/13/99	3. CCR #: 99-0286	4. Rev: A	5. Tel: 303-492-1445	6. Off: NSIDC	7. Org.
8. Title of Change: Use of n0spg03 for processing NSDIC V0 data into HDF-EOS						
9. Originator Signature		10. Date:	11. Class II	12. Type: CCR	13. Need Date: 3/30/99	
14. Office Manager Signature		15. Date:	16. Date CCB Decision Needed: 3/30/99		17. Category of Change: Other	18. Priority: Routine
19. Documentation/Drawings Impacted: none			20. Schedule Impact: none		21. CI(s) Affected: none	
22. Release Affected: none		23. Date due to Customer: NA	24. Impl. Date: 3/30/99		25. Effectivity of Change: 3/30/99	26. Est. Cost None
27. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input checked="" type="checkbox"/> Other:						
28. Description of Change: (use additional Sheets if necessary) We wish to use science processing machine (n0spg03) in production of HDF-EOS granules from NDAAC V0 data sets which are in binary or plain HDF. This effort is part of an ESDIS-funded prototype to test the HDF-EOS library on granules in polar projections.						
29. Proposed Solution: (use additional sheets if necessary) Univ. of Colo. programmers will develop and run C code that converts files in binary format to HDF-EOS using the HDF-EOS library delivered as part of the custom code in Release 2.0 of ECS. This will involve migrating input data from V0 string onto the B.0 string, and output data back to the V0 string, via ftp. This effort will not impact the availability of the affected resources for ECS purposes. See additional sheet for further information on resource impacts.						
30. Alternate Solution: (use additional sheets if necessary) Use V0 hardware, which may not be available.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) The NDAAC and it's user community is still skeptical that HDF-EOS fully supports data in polar projections. If forced to use V0 hardware the variety and quantity of HDF-EOS granules we will be able to produce may not be adequate to convince the community.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> Mini-DAAC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments: Duplicate of CCR 99-0204					36. Work Assigned To:	
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): Ma M Donnell 4/14/99		40. Disposition: <input type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input checked="" type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS			41. ESDIS ERB Concurrence:	
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>			44. CCR Closed Date:	

CM01 August 27, 1998

ORIGINAL

ECS/EDF/REL2 CCB
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